

### Harnessing innovation to build more resilient communities

This year-long **challenge** brought together local residents, public officials, and local, national, and international experts to develop **innovative solutions** that will strengthen our region's **resilience to sea level rise**, **severe storms**, **flooding and earthquakes**. Building off of the NYC **Rebuild by Design** challenge, Resilient by Design takes a proactive approach to protecting our communities **before disaster strikes**, and climate impacts worsen.



## **Bay Area Challenge Timeline**

RESILIENT
BAY AREA CHALLENGE BY
DESIGN

Jun

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Aug

Sep

No

Dec

Jan

2018

Feb

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Apr

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#### **Challenge Launch**

#### May 31

Over 50 teams responded to a RFQ and 10 were chosen by a Jury of national and international experts to participate in the Bay Area Challenge.

A call for potential vulnerable sites was launched.
Community members and city officials submitted over 74 potential sites vulnerable to sea level rise.

#### **Research Phase**

#### September 1

Design Teams toured and met with communities around the San Francisco Bay, learning about the environmental and social stresses Bay Area communities face.

By listening to community members share their experiences about sites that could benefit from bold action, Design Teams began to learn how to harness the innovative thinking and public investment of the Bay Area.

#### **Design Phase**

#### **December 1**

Teams partnered with over twenty community organizations throughout the region to develop ideas for a more resilient Bay Area.

At each site selected, initial design ideas addressed ongoing climate issues facing the Bay Area, such as sea level rise, severe flooding, and seismic risks, alongside other, sometimes more pressing challenges, including lack of housing, displacement, gentrification, limited access to public land and outdated transportation.

#### Next Steps

#### June 1

The projects now have networks of community organizations, city officials, local elected officials, designers, engineers, scientists, and other experts that have been activated and inspired to work together to continue to move each project forward.

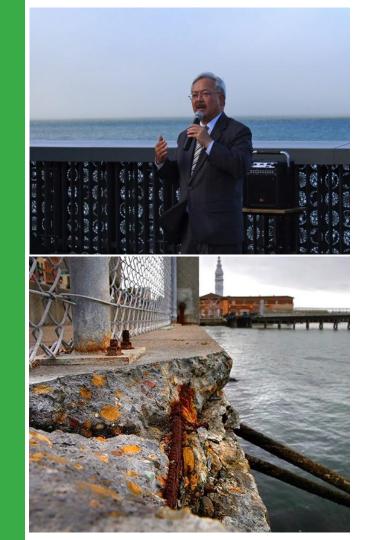




## San Francisco Chronicle

# Design teams compete for best solution to sea-level conundrum

"An ambitious design competition that seeks to make the Bay Area a model for how to prepare for sea-level rise kicks off this week."







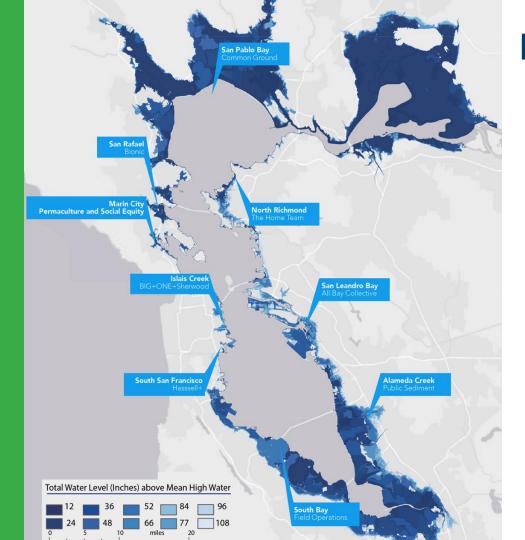












## **Meet the Projects**

- The Estuary Commons | All Bay Collective San Leandro Bay
- Resilient South City | HASSELL+
  South San Francisco
- The Grand Bayway | Common Ground
  San Pablo Bay
- Unlock Alameda Creek | Public Sediment
  Alameda Creek
- South Bay Sponge | Field Operations Team
  East Palo Alto to Sunnyvale
- Islais Hyper-Creek | BIG+ONE+Sherwood
- Peoples Plan | P+SET

  Marin City
- Elevate San Rafael | Bionic Team
  San Rafael
- ouR-HOME | The Home Team

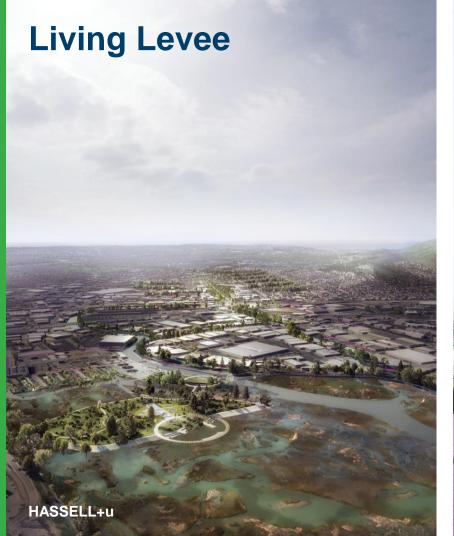
  North Richmond









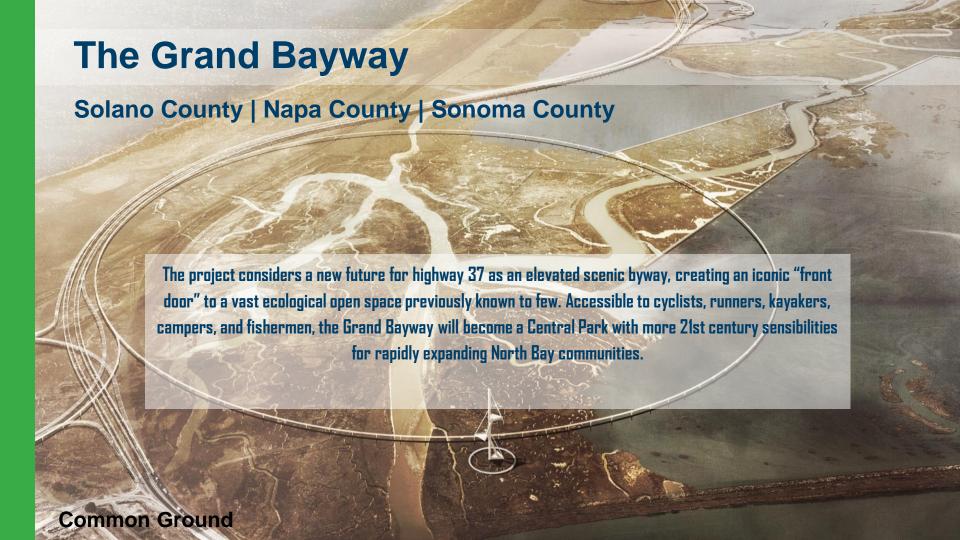


## **Circle Bridge**



## **Orange Memorial Park**





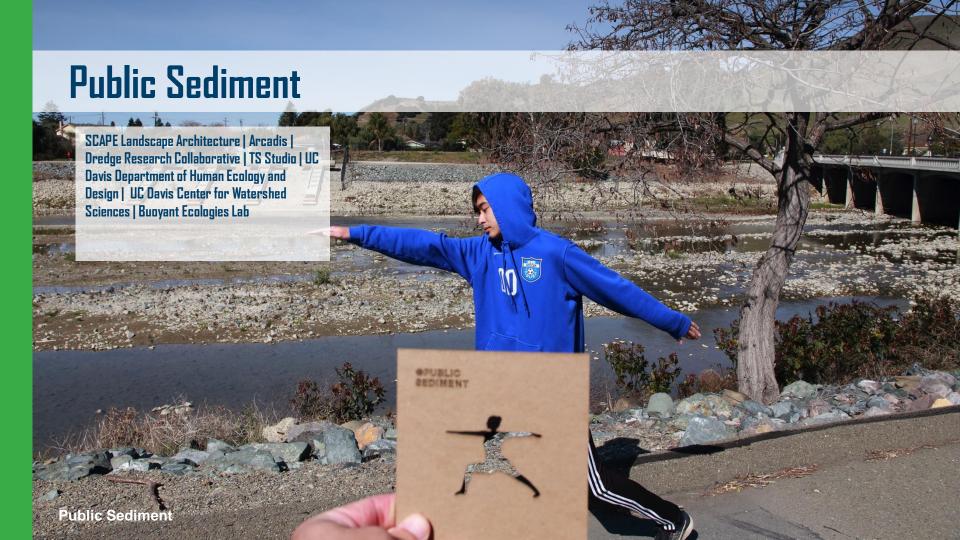


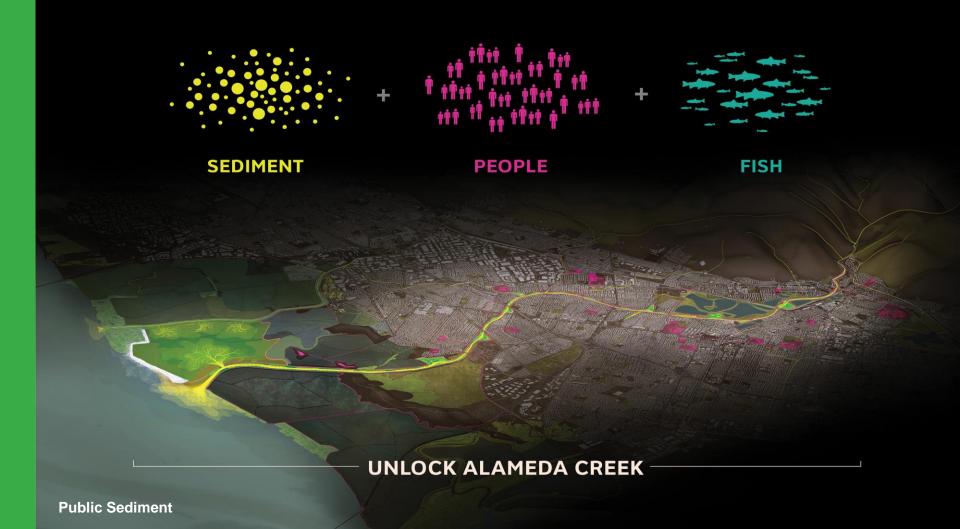








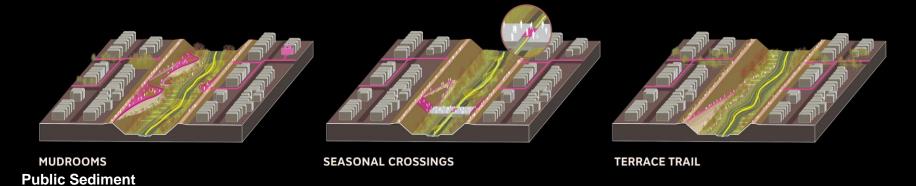




**Building a Creek Constituency** 



**FLOODROOMS** 







## Permaculture + Social Equity (P+Set)









